

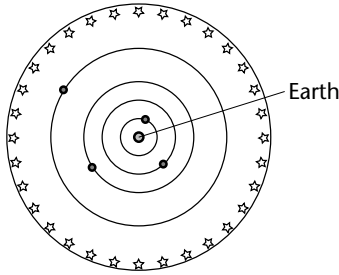
The Solar System ▪ *Review and Reinforce*

Observing the Solar System

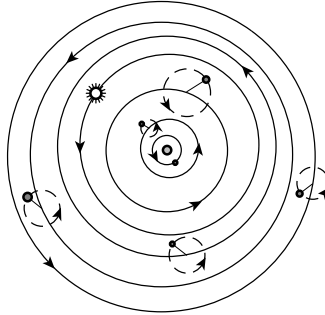
Understanding Main Ideas

Answer the following questions in the spaces provided.

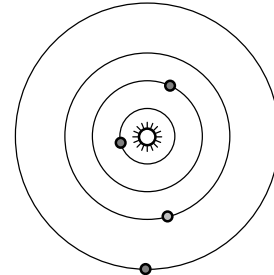
Ancient Greek Model



Ptolemy's Geocentric Model



Copernicus's Heliocentric Model



1. What is the main difference between the geocentric and heliocentric models of planetary motion?

2. How did the Greek model and Ptolemy's model differ?

3. How did Galileo's observations of Jupiter and Venus support Copernicus's model?

Building Vocabulary

Fill in each blank to complete each statement.

4. The sun-centered system of planets developed by Copernicus is an example of a(n) _____ model.
5. Kepler discovered that the orbit of each planet is a(n) _____, rather than a perfect circle.
6. An Earth-centered system of planets is known as a(n) _____ model.